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Vitamin-E prepn. from vegetable fat and oil - by extracting unsatd. oil and fat of vegetable seed, distilling with inert gas, heat-distilling in high vacuum and removing solvent, etc.

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 3127730	A	19910530	JP 89263104	A	19891011	199128 B

Priority Applications (No Type Date): JP 89263104 A 19891011

Abstract (Basic): JP 3127730 A

Prepn. of vitamin E: which comprises (1)-(5): is claimed. (1) is extn. of unsatd. oil and fat with 70 or more of iodine value or dried cpd. of vegetable seed contg. unsatd. oil and fat, using solvent; (2) distn. of obtd. extract soln. with addn. of inactive gas (e.g. nitrogen); (3) distn. of extract soln. heated in high vacuum with stop of gas; (4) final distn. at 200 deg.C. in high vacuum of 10 power -6 Torr; and (5) removal of solvent from extract soln. to obtain vitamin E.

Pref. the solvent is butanol, ethylene glycol, methylethylketone, acetone, benzene or cyclohexane. Fat and oil is linseed oil (iodine value: 174-204), sesame oil (195-202), oiticica oil (140-160), safflower oil (130-150), soybean oil (130-140), cotton seed oil (159-170), China or Japanese tung oil (147-173), rubber seed oil (128), sunflower oil (125-135), corn seed oil (121-130), rape seed oil (94-106), camellia oil (80-82), olive oil (80-85), grape seed oil (125-157), tobacco oil, or lemon seed-oil.

USE/ADVANTAGE - Vitamin E from vegetable oil and fat. (3pp

Dwg.No.0/0)

Derwent Class: B02; E13

International Patent Class (Additional): A61K-031/35; C07D-311/72

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